Consider 3 tables – Salespeople, Customer, and Orders tables and write the queries for the following.

**Salespeople Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| SNUM | SNAME | CITY | COMM |
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London | 0.11 |
| 1007 | Rifkin | Barcelona | 0.15 |
| 1003 | AxelRod | New York | 0.10 |
| 1005 | Fran | London | 0.26 |

**Customer Table:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CNUM | CNAME | CITY | RATING | SNUM |
| 2001 | Hoffman | London | 100 | 1001 |
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2003 | Liu | San Jose | 200 | 1002 |
| 2004 | Grass | Berlin | 300 | 1002 |
| 2006 | Clemens | London | 100 | 1001 |
| 2008 | Cisneros | San Jose | 300 | 1007 |
| 2007 | Pereira | Rome | 100 | 1004 |

**Orders Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| ONUM | AMT | ODATE | CNUM |
| 3001 | 18.69 | 10/03/96 | 2008 |
| 3003 | 767.19 | 10/03/96 | 2001 |
| 3002 | 1900.10 | 10/03/96 | 2007 |
| 3005 | 5160.45 | 10/03/96 | 2003 |
| 3006 | 1098.16 | 10/03/96 | 2008 |
| 3009 | 1713.23 | 10/04/96 | 2002 |
| 3007 | 75.75 | 10/04/96 | 2002 |
| 3008 | 4723.00 | 10/05/96 | 2006 |
| 3010 | 1309.95 | 10/06/96 | 2004 |
| 3011 | 9891.88 | 10/06/96 | 2006 |

1. Find all rows from the Customers table for which the salesperson number is 1001.
2. Write a query that produces all pairs of orders by a given customer. Name that customer and eliminate duplicates.
3. Find the total amount in Orders for each salesperson for whom this total is greater than the amount of the largest order in the table.
4. Write a query that produces the names and ratings of all customers of all who have above average orders.